

# P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE, RAJAPALAYAM

..... Moulding the Engineers for Decades



## Progressive PACRPC

HALF-YEARLY NEWSLETTER

January 2021 - June 2021

### From the Chief Editor's Desk

#### Words of Wisdom

Put your heart, mind, and soul into even your smallest acts. This is the secret of success.

- Swami Sivananda



Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle. As with all matters of the heart, you'll know when you find it.

- Steve Jobs

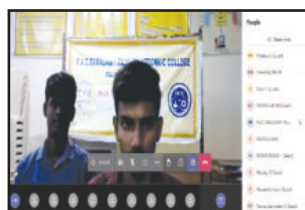
### Awards & Achievements

#### ISTE Best Teacher Award & Best Student Award

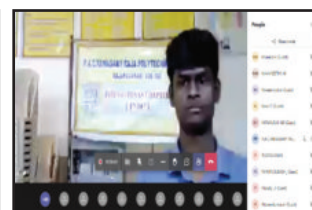
We are proud to state that Dr. V. R. Velmurugan, Lecturer (Sr. Scale) / EEE received the prestigious ISTE Best Polytechnic Teacher Award and Selvan S. Logesh Muthumani (III Yr. EEE SF) & Selvan G. Mareeswaran (III Yr. Mech. SF) received the Best Student Award for the year 2020 in the 8<sup>th</sup> ISTE Section Annual Faculty Convention held at Thiagarajar Polytechnic College, Salem on 27.02.2021.



Dr. V.R. Velmurugan



Selvan S. Logesh Muthumani



Selvan G. Mareeswaran

### Industry Based Electives

We offer the following placement oriented industry-based electives along with the regular curriculum to our students and the number of students enrolled for the electives during the Academic year 2021 – 2022 are as follows.

S. No.	Name of the Elective	Dept.	No. of Students	Name of the Industry
1	Operations & Maintenance of Thermal Power Plant	Mech	15	Enmas O & M Pvt. Ltd., Chennai.
2	Glass Processing Technology		20	Saint Gobain Pvt. Ltd., Chennai.
3	Welding Technology		18	Indian Welding Society, Trichy.
4	Vertical Transportation Systems	EEE	20	Johnson Lifts Pvt. Ltd., Chennai.
5	Solar Photovoltaic Systems		26	VATIO Energy India Pvt. Ltd., Chennai.
6	Digital Manufacturing	EEE	25	Saint Gobain Pvt. Ltd., Chennai.
7		ECE	6	
8	Concrete Technology	Civil	30	Ramco Cements Limited, Chennai.

### Vision and Mission of The Institute

#### Vision

To become a Centre of Excellence in moulding the students into industry competent and socially responsible engineers.

#### Mission

- To impart high-quality technical education by ensuring adequate infrastructure at workshops and labs.
- To adopt innovative teaching-learning methodologies to make students job-ready engineers.
- To collaborate with industries to offer industry based electives.
- To inculcate communication skills, entrepreneurial concepts and moral values in the minds of students.

### Photographs of Special Elective Lecture Sessions



EEE - Solar Photovoltaic Systems



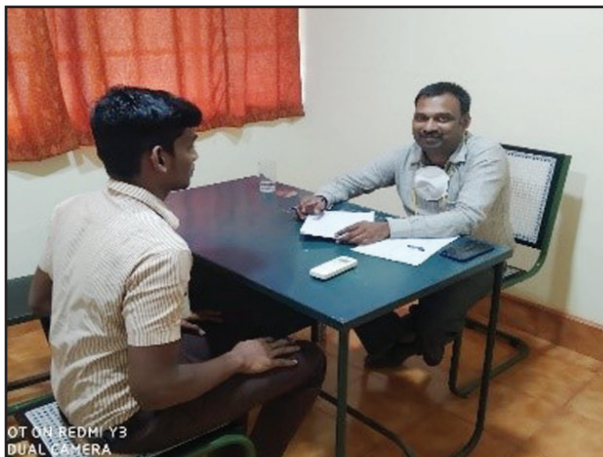
EEE & ECE - Digital Manufacturing

## Placement

Our students attended on and off campus interviews conducted by various renowned organizations and MNCs. The details of the recruitment are given below.

S. No.	Name of the Organisation	Date of Interview	No. of Students Placed
1.	Sakthi Auto Components Limited, Pollachi.	23.01.21	85
2.	Beston Consultants, Chennai.	24.01.21	9
3.	Best Corporation, Tirupur.	04.02.21	11
4.	CMS Cold storage, Madurai.	08.02.21	2
5.	Fibreplus Marketing, Coimbatore.	09.02.21	1
6.	Brakes India Private Limited, Chennai.	09.02.21 & 10.02.21	16
7.	Fiber Plus Tex Products Pvt. Ltd., Coimbatore.	09.02.21 & 10.02.21	2
8.	Anand Electronics, Hosur.	10.02.21	1
9.	Nokia Solutions & Network India Pvt. Ltd., Chennai.	12.02.21	8
10.	Sensedge, Banaglore.	18.02.21 & 19.02.21	3
11.	Royal Enfield, Chennai.	19.02.21	52
12.	Southern Refrigeration System Pvt. Ltd., Chennai.	20.02.21	5
13.	Beston Engineers And Consultants India Pvt. Ltd., Chennai.	24.01.21	2
14.	L&T Limited, Coimbatore.	24.02.21	1
15.	Shri Venus Energy System Pvt. Ltd., Chennai.	24.02.21	5
16.	Hyundai Motors, Chennai.	02.03.21	34
17.	Jasper International Engineering Consultants, Vasudevanallur.	09.03.21	11
18.	Master Craft Engineers Pvt. Ltd., Bangalore.	09.03.21	3
19.	Shanthi Gears Ltd., Coimbatore.	13.03.21	5
20.	Delphi TVS	20.03.21	9
21.	Premier Mills, Udumalpet.	20.03.21	9
22.	Metec Design And Construction Engineers India Pvt. Ltd., Chennai.	22.03.21& 23.03.21	20
23.	Schneider Electric India Pvt. Ltd., Coimbatore.	22.03.21	8
24.	Athira GIS, Chennai.	24.03.21	7
25.	Tube Products India, Chennai.	24.02.21	8
26.	Maruthi Aircon	24.03.21	5
27.	Super Group Of Companies, Coimbatore.	27.03.21	18
28.	Swift Merchandise, Tirupur.	30.03.21	1
29.	B.V.K. Exports Ltd., Tirupur.	30.03.21	4
30.	Gestamp Automotive Chennai Pvt. Ltd., Sriperumpudur.	13.04.21	18
31.	The Acetec Machinery Components India Pvt. Ltd., Coimbatore.	19.04.21	20
32.	Orchid Pharma, Chennai.	20.04.21	5
33.	Igarasi Motors India, Chennai.	21.04.21	16
34.	Gowri House Metal Works, Rajapalayam.	22.04.21	3
35.	Kwality Milk Foods Ltd., Kanchipuram.	29.04.21	2
36.	Alstom, Coimbatore.	03.05.21	1
37.	L&T Electrical& Automation Projects, Coimbatore.	12.05.21 & 13.05.21	9
38.	JSE Energy Pvt Ltd, Chennai.	17.05.21	6
39.	Vapour Innovation Cooling Engineers, Bangalore.	23.06.21	4
		<b>Total</b>	<b>429</b>

## Placement - Photographs



Textile Dept.  
Fibreplus Marketing, Coimbatore.



Mech. Dept.  
Super Group Of Companies, Coimbatore.

## Pre-placement activities

S. No.	Participants	No. of Students	Topic	Date	Conducted by
1	III Yr. Mechanical Students	50	Career Opportunities after Diploma	16.06.2021	Tmt. R. Shanta, DEO, Tmt. A. Priyadharsini, DEO(CG) and Thiru. V. Mathan Young Professional, District Employment and Career Guidance Centre, Virudhunagar.
2		15	Pre-Placement Training	17.04.2021	Mr. N. Rajasekaran, Former DGM - Boiler (Unit II) Shops & Hon. Secretary JWS, BHEL, Trichy.
3	III Yr. MOP Students	33	Pre-Placement Training (Online Test) towards Entrepreneurship Development	01.04.2021	PMG-DISHA, VIRUDHUNAGAR.
4.	III Yr. Textile Students	52	Pre-Placement Talk	09.02.2021	Mr.G.Muralikrishna , Director-Fibre plus Marketing Company
5.		51		04.03.2021	Mr.Senthilkumar, GM, Best corporation, Tirupur.
6.		20		15.03.2021	Ramco Group Textile Division, Rajapalayam.
7.		28		20.03.2021	Premier Mills Ltd, Udumalpet.
8.		35		24.03.2021	B.S.Apparel, Tirupur.



Pre-placement Session - Textile Dept.



Pre-placement Session - MOP Dept.



## Scholarships Received by Students

S. No.	Name of the Scholarship	Sponsored By	Total No. of Beneficiaries
1.	Government Scholarship (BC & MBC Students)	Govt.	546
2.	Government Scholarship (SC Students)	Govt.	127
3.	Mill India	Endowment Fund	2
4.	Ramco	Ramco	12
5.	Mahindra All India Talent Scholarship	K.C. Mahindra Educational Trust	9
6.	Pragati Scholarship (Girls)	AICTE, New Delhi.	37
7.	Saksham	AICTE, New Delhi.	1

## Canada India Institutional Cooperation Project (CIICP)

### CONTINUING EDUCATION PROGRAMME

S. No.	Course	Conducted By	Details of participants			Total no. of participants
			Internal		External	
			Dept.	Number	(No.)	
1.	Industrial Safety	External Agency	Mech. Mech. (R&AC) EEE	71	-	71
2.	Sensor Technology	EEE Dept.	ECE	32	-	32
3.	Quality Assurance in Spinning	Textile Dept.	-	-	42	42
4.	JCB, Fork Lift, Poclain, Mobile Crane	External Agency	-	-	13	13
5.	Basics of Textile Technology	Textile Dept.	-	-	22	22



Course on 'Industrial Safety'



Course on 'Sensor Technology'

## Centre for High Skill Training and Research (HSTC)

Under the aegis of Centre for High Skill Training and Research, a course on 'PLC Programming' was conducted for the staff members (11 Nos.) of Ramco Institute of Technology, Rajapalayam from 12.03.2021 to 21.03.2021.



Course on 'PLC Programming'

## Students Service Cell

Our students participated in various competitions organised under Students Service Cell of our college and won prizes. They participated in the activities organised in the following programmes.

S. No.	Name of the Programme	Name of the Contest	Date	No. of Participants
1.	Nethaji Subash Chandra Bose's Birthday	Poster Making	26-01-2021	14
		Essay Writing		18
2.	Sparks Fest 2021	Drawing	15-03-2021	59
		Art from Waste		31
		Rangoli		12
		Poetry		27
3.	50 <sup>th</sup> National Safety Week - 2021	Essay Writing	15-03-2021	32
		Poster Making		12
4.	International Yoga Day Celebrations	Quiz	20-06-2021	119
		Essay Writing		4
5.	World Environment Day Celebrations	Drawing	20-06-2021	10



Sparks Fest - Rangoli Competition

**P.A.C. RAMASAMY RAJA POLYTECHNIC COLLEGE**  
**RAJAPALAYAM - 626 108**

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**"INTERNATIONAL YOGA DAY CELEBRATIONS"**  
*"Be with Yoga, Be at Home"*

**Organised by**  
**Youth Red Cross Society**  
**National Service Scheme**  
**&**  
**Students Service Cell**  
(for School students - 10,11,&12 Std)

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**Quiz Competition/வினாடி வினா போட்டி**  
 கனம்: "Importance of Yoga for immunity/ நோய்தடுப்பு சக்தியில் யோகாவின் முக்கியத்துவம்"  
[Click the link to attend quiz](https://forms.gle/dsicgEDd6AoyJMGD7)  
<https://forms.gle/dsicgEDd6AoyJMGD7>  
 E-Certificate for participants securing 40% and Above  
 Refer rules in next page

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**Essay Writing Competition / கட்டுரை போட்டி**  
 கனம்: "Yoga is the Way of Life" / யோகா வாழ்க்கைகமான வழி  
[Click here to join WhatsApp group and submit your files](https://chat.whatsapp.com/HJUFq518Uo6A8GL2rNIOXm)  
<https://chat.whatsapp.com/HJUFq518Uo6A8GL2rNIOXm>  
 or  
 send through the mail id  
[maalakshmi@pacrply.org](mailto:maalakshmi@pacrply.org)  
 Last Date of Competitions : 15.06.2021

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**Prizes to the Winners**  
 First Prize: Rs. 500/-  
 Second Prize: Rs.250/-  
 Consolation Prize: Rs. 100/- (for 5 Students)

**Co-ordinators**  
 Mr. V. Venkatesh  
 YRC Prog. Officer  
 Mr. A. Thirupathi Venkateswaran  
 Mrs. R. Sangeetha  
 NSS Prog. Officers  
 Mrs. C. MAHALAKSHMI  
 Students Service Manager

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**Convenor:**  
 Dr. V.Srinivasan,  
 Principal i/c

**For Further Details Contact :**  
 Mrs. G. Mahalakshmi  
 (Students Service Manager)  
 Mobile: 7305456917

International Yoga Day Poster

## Women in Development Cell

The following programmes were organised for the welfare of the female staff and girl students under the Women in Development Cell of our institution.

S. No.	Name of the Programme	Date	No. of Participants
1	General Awareness Programme	16.02.2021	75
2	HB Level Estimation Camp	19.02.2021	160
3	Menstrual Hygiene Programme	02.03.2021	140
4	Women's day Celebration	08.03.2021	60



Women's Day Celebration



HB Level Estimation Camp

## Staff Development Cell

### 1. Training Programmes Attended

S. No.	Details of the prog.	No. of Prog.	No. of Staff
1.	Programmes organized by reputed organizations	9	6
2.	In-house training Programmes	3	70

### 2. Publication in Journals

S. No.	Name of the Staff	Desig.	Dept.	Journal
1.	Dr. R. Murugaboopathy	Lecturer	Civil	International Journal of Trend in Scientific Research and Development - Vol. - 5 -Issue 4.
2.	Mrs. D. Sathyakala	Lecturer	MOP	WEYSLEAN Journal of Research - Vol.- 14 - No.1 (XIX) Proceedings of the Conference, VVV College, Virudhunagar

### 3. Papers presented

Name	Designation	Name	Designation
Mr. R. Karthikeyan	HOD/ Mech.	Mr. K. Karthikeyan	Sr.Lect. /EEE
Mr. R. Senthilkumar	Lecturer / Mech.	Mr. M. Kalyanasundaram	Sr.Lect. /EEE
Mr. B. Marichelvam	HOD (i/c) / Mech. (SF)	Mr. T. Senthilkumar	HOD (i/c) / Mech. R&AC
Mr. K. Rajendran	Lecturer / Mech.	Mr. V. Pandiyaraj	Lecturer / Mech. R&AC
Mr. R. Deepanraj	Lecturer / Mech.	Mr. R. Ragavan	Lecturer / Mech. R&AC
Mr. R. Yogeswaran	Lecturer / Mech.	Dr. S. Selvalakshmi	HOD / MOP
Mr. V. Ranjithkumar	Lecturer / Mech.	Mrs. D. Sathyakala	Lecturer / MOP
Mr. V. Muthuvel	Lecturer / Mech.	Mr. A. Thiruppathi Venkateswaran	Lecturer (Sr. Scale)/English
Dr. V. R. Velmurugan	Lecturer (Sr. Scale)/EEE	Mr. N. Seeniraj	Sr. Lect. / English
Mr. G. Rajagopal	JDO/EEE	Mrs. S. Harirekha	Lecturer / English
Mr. R. Victor German	Sr. Lect. /EEE	Mrs. J. Vinayagavidhya	Lecturer / English
Mr. M. Muthukrishnan	Sr. Lect. / EEE		

### 4. Special Achievers

S. No.	Name of the Staff	Designation	Details of the Certificate/Award
1.	Mr. A. Thiruppathi Venkateswaran	Lect. (Sr. Scale) /English	NPTEL Believer Certificate  Best Paper Award in the 8 <sup>th</sup> ISTE TN Section Convention
2.	Dr. V.R.Velmurugan	Lect. (Sr. Scale)/EEE	
3.	Mr. G.Rajagopal	JDO	
4.	Mr. R. Victor German	Sr. Lecturer / EEE	
5.	Mr. K. Karthikeyan	Sr. Lecturer / EEE	

### 5. Guest Lectures delivered & acted as Resource Persons by our staff

S. No.	Name of the Staff	Desig.	Dept.	Name of the Programme	Venue
1.	Mr. R. Karthikeyan	HOD	Mech.	"3D Printing & Additive Manufacturing" (04.05.21)	Govt. Polytechnic College, Karur.
2.				"Impact of 3D Printing Technologies in Automotive Engineering" (20.03.21)	Kalasalingam Academy of Research and Education, Krishnankoil.
3.				"Additive Manufacturing Technologies" (13.04.2021)	IE(I) Madurai Local Centre
4.	Dr. R. Karthikeyan	Lecturer (Sel. Gr.)/ English	MOP	Programme Advisory Committee Meeting (Expert Member)	Thiagarajar Polytechnic College, Salem. (Online)



## Industry Institute Interaction (III) Activities

### ● Guest Lecture Programmes by Industrial Experts

S.No.	Department	No. of Lectures
1.	Civil Engineering	3
2.	Mechanical Engineering	6
3.	Electrical and Electronics Engineering	23
4.	Electronics and Communication Engineering	2
5.	Textile Technology	6
	<b>Total</b>	<b>40</b>



Mech. Dept.



Civil Dept.

## Activities of ISTE Chapter

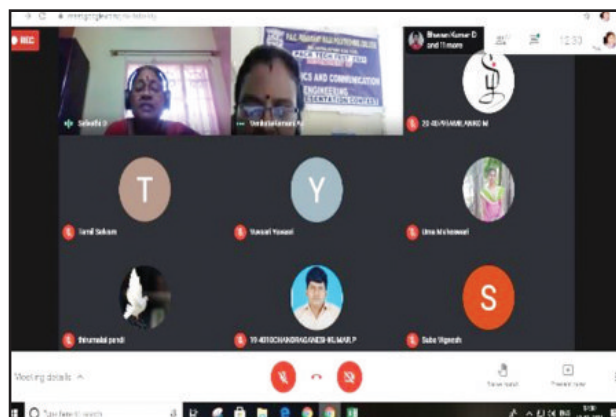
### ● Activities under ISTE Students Chapter

Our students have participated in various programmes / contests organized under ISTE Students Chapter of our polytechnic college and other institutions and won prizes.

S. No.	Name of the Programme /Activity	Organizing Agency	Participants	No. of participants
1.	PACR TECHFEST	P.A.C.R. Polytechnic College	Polytechnic College Students all over India	150
2.	Prog. on 'New Education Policy Related to Technical Education'	P.A.C.R. Polytechnic College	II & III Year Students	64
3.	Paper Presentation	P.A.C.R. Polytechnic College	II & III Year Students	10
		Other Institutions		48
4.	Project Presentation	Other Institutions	II & III Year Students	11
5.	Technical Quiz	Other Institutions	II & III Year Students	70
6.	Poster Presentation	P.A.C.R. Polytechnic College	II & III Year Students	8
7.	Model Making	P.A.C.R. Polytechnic College	II & III Year Students	6



PACR TECHFEST - Inaugural Prog.

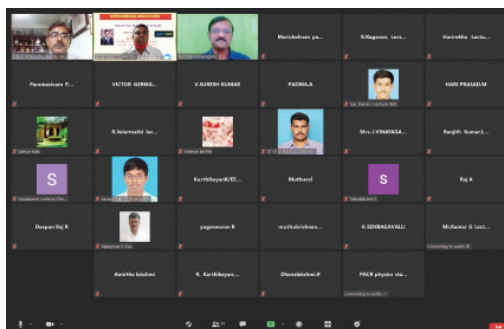


Paper Presentation Contest - ECE Dept.

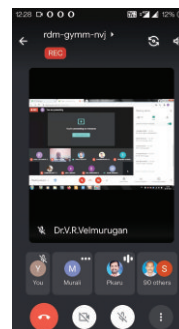
## ● Activities under ISTE Staff Chapter

Under the ISTE Staff Chapter of our college, the following programmes were organised for the benefit of the staff members.

S. No.	Name of the Programme	Date	No. of Participants
1.	FDP on 'Empowering Educators'	09.01.2021	60
2.	Paper Presentation during 8 <sup>th</sup> ISTE Convention	27.02.2021	23
3.	Programme on 'New Education Policy Related to Technical Education'	25.05.2021	32



FDP on 'Empowering Educators'



Prog. on 'New Education Policy'

## Institution of Engineers (India) Activities

S. No.	Activity	Total No. of Activities	No. of students participated
1.	Lecture Programme	23	753
2.	Paper Presentation	10	35
3.	Classroom Seminar	17	219
4.	Workshop	1	10
5.	Conference	1	57
6.	Technical/Project Demonstration	6	19
7.	Model Competition	1	40
8.	Poster Competition	6	19
9.	Group Discussion	2	5
10.	Technical Quiz	31	814
11.	Aptitude Test	6	669
12.	Film Show	12	232
13.	Display of Technical Information	1	121
14.	Short Term Course	2	40



Classroom Seminar by Mechanical Students



Poster Presentation in Textile Dept.

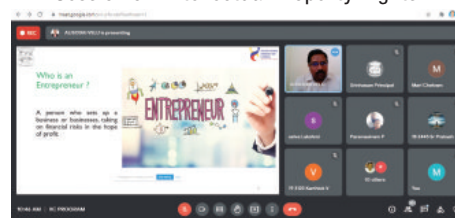
## Institute Innovation Council (IIC)

The following programmes were organised under the auspices of Institute Innovation Council (IIC) of our college for the benefit of our staff and students.

S. No.	Name of the Programme	Date	No. of Participants
1.	Orientation Session on 'Intellectual Property Rights by Innovation Ambassador'	02-06-2021	36 Staff 65 Students
2.	Mentoring Session on 'Lean Start-up & Minimum viable Products / Business'	18-06-2021	66 Staff 160 Students
3.	Programme on 'New Education Policy Related to Technical Education'	25-05-2021	32 Staff 64 Students



Session on 'Intellectual Property Rights'



Session on 'Lean Start-up'



## National Service Scheme (NSS)

A total of 36 programmes were organised under NSS of our polytechnic college. The notables among them are :

S. No.	Name of the Programme	Date	No. of Participants
1.	National Youth Day Celebrations	12-01-2021	40
2.	Motivational Speech on 'Manam Manamariya Aaval'	08-02-2021	67
3.	Blood Donation Camp	12-02-2021	60
4.	Leprosy Awareness Programme	17-02-2021	161
5.	Covid-19 Vaccination Programme (Staff)	04-03-2021	26
6.	Election Pledge Taking Programme	19-03-2021	512



Blood Donation Camp



Covid-19 Vaccination Programme



Leprosy Awareness Programme

## National Cadet Corps (NCC)

To create awareness on 'Rainwater Saving', a rally was held in Rajapalayam on 17-02-2021 by our NCC Cadets under the leadership of Major L.Ananthanarayanan, NCC Officer of our polytechnic College. A total number of 120 cadets participated in the rally.



Rally on 'Rainwater Saving'

## Youth Red Cross Society

The following activities were carried out under the Youth Red Cross Society of our college.

S. No.	Programme	Date	No. of Participants
1.	Nethaji Subash Chandra Bose's Birthday	23-01-2021	58
2.	Road Safety Awareness Programme	10-02-2021	340
3.	Election Pledge Taking Programme	19-03-2021	512



Road Safety Awareness Programme



Election Pledge Taking Programme



## Environment Development Cell (Green Club)

Campus Cleaning is done on every Thursday in our college regularly in order to maintain our campus clean and tidy.



Campus Cleaning by II Yr. Students  
on 4-3-2021



Campus Cleaning by I Yr. Students  
on 19-2-2021

## Students' Corner



Selvan. M. Sathiya Prakasam,  
I Yr. EEE



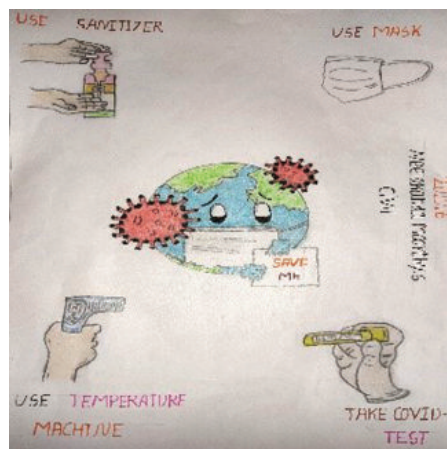
Selvan. M. Kamalakannan,  
II Yr. EEE



Selvan. B. Madhavan,  
II Yr. R&AC



Selvan. S. Sivagowri Prasath,  
I Yr. Mech.



Selvan. S. Neelakanda Moorthy,  
I Yr. Civil



Selvan. M. Vishnusankar,  
III Yr. Mech.

**Chief Editor : Dr. V. SRINIVASAN**, Principal in-charge

**Editors :**

**Staff: Dr. R. KARTHIKEYAN**, Lect. (Sel.Gr.) / English

**Mr. A. THIRUPPATHI VENKATESWARAN**, Lect. (Sr. G) / English

**Mr. N. SEENIRAJ**, Sr. Lect. / English

**Mrs. S. HARIREKHA**, Lect. / English

**Mrs. J. VINAYAGAVIDHYA**, Lect. / English

**Students : Selvan. G. HARIKRISHNAN**, III ECE

**Selvi. G. MEENA**, II MOP

**e-mail : [pacrpoly@gmail.com](mailto:pacrpoly@gmail.com)**

**website : [www.pacrpoly.org](http://www.pacrpoly.org)**